

# Multiplying Fractions and Whole Numbers (I)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_ /10

Multiply, simplify and express the product as a mixed fraction if necessary.

1.  $\frac{8}{9} \times 2 \times \frac{13}{4} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

2.  $9 \times \frac{13}{4} \times \frac{1}{2} = \underline{\quad} = \underline{\quad}$

3.  $3 \times \frac{15}{4} \times \frac{7}{9} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

4.  $\frac{1}{2} \times 2 \times \frac{19}{8} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

5.  $\frac{23}{6} \times 8 \times \frac{5}{6} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

6.  $\frac{1}{3} \times 3 \times \frac{7}{3} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

7.  $\frac{1}{2} \times 6 \times \frac{25}{9} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

8.  $\frac{16}{7} \times \frac{1}{7} \times 5 = \underline{\quad} = \underline{\quad}$

9.  $9 \times \frac{1}{8} \times \frac{16}{7} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

10.  $9 \times \frac{5}{8} \times \frac{14}{5} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

# Multiplying Fractions and Whole Numbers (I) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_ /10

Multiply, simplify and express the product as a mixed fraction if necessary.

1.  $\frac{8}{9} \times 2 \times \frac{13}{4} = \frac{208}{36} = \frac{52}{9} = 5\frac{7}{9}$

2.  $9 \times \frac{13}{4} \times \frac{1}{2} = \frac{117}{8} = 14\frac{5}{8}$

3.  $3 \times \frac{15}{4} \times \frac{7}{9} = \frac{315}{36} = \frac{35}{4} = 8\frac{3}{4}$

4.  $\frac{1}{2} \times 2 \times \frac{19}{8} = \frac{38}{16} = \frac{19}{8} = 2\frac{3}{8}$

5.  $\frac{23}{6} \times 8 \times \frac{5}{6} = \frac{920}{36} = \frac{230}{9} = 25\frac{5}{9}$

6.  $\frac{1}{3} \times 3 \times \frac{7}{3} = \frac{21}{9} = \frac{7}{3} = 2\frac{1}{3}$

7.  $\frac{1}{2} \times 6 \times \frac{25}{9} = \frac{150}{18} = \frac{25}{3} = 8\frac{1}{3}$

8.  $\frac{16}{7} \times \frac{1}{7} \times 5 = \frac{80}{49} = 1\frac{31}{49}$

9.  $9 \times \frac{1}{8} \times \frac{16}{7} = \frac{144}{56} = \frac{18}{7} = 2\frac{4}{7}$

10.  $9 \times \frac{5}{8} \times \frac{14}{5} = \frac{630}{40} = \frac{63}{4} = 15\frac{3}{4}$